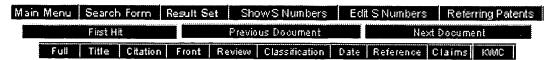


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Document Number 2

Entry 2 of 3

File: USPT

Nov 4, 1997

US-PAT-NO: 5684956

DOCUMENT-IDENTIFIER: US 5684956 A

TITLE: Data transmission system with parallel packet delivery

DATE-ISSUED: November 4, 1997

INVENTOR-INFORMATION:

NAME CITY

STATE ZIP CODE COUNTRY

MO

Billings; Roger E.

Independence

64057-329 N/A

APPL-NO: 8/ 338682

DATE FILED: November 14, 1994

INT-CL: [6] G06F 13/00

US-CL-ISSUED: 395/200.03; 395/200.33, 395/800, 395/200.69

US-CL-CURRENT: 709/219; 709/203, 709/239 FIELD-OF-SEARCH: 395/200.03, 395/200.15, 395/200.16, 395/200.13, 395/300, 395/308, 395/858, 395/800, 395/200.09, 395/100, 395/200.08, 395/200.69, 395/182.13, 358/335, 348/7, 348/10, 340/85.8, 370/60, 370/85.1, 370/390,

370/218

REF-CITED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
3245045	April 1966	Randlev	395/200
3798605	March 1974	Feistel	380/25
4454593	June 1984	Fleming et al.	395/200
4780821	October 1988	Crossley	395/650
5091849	February 1992	Davis et al.	395/100
5163147	November 1992	Orita	395/600
5224166	June 1993	Hartman, Jr.	380/50
5253248	October 1993	Dravida et al.	370/16
5262875	November 1993	Mincer et al.	358/335
5355452	October 1994	Lam et al.	395/200
5414837	May 1995	Kotatsu	395/600
<u>5440334</u>	August 1995	Walters et al.	348/6
5442389	August 1995	Blahut et al.	348/7
<u>5442749</u>	August 1995	Northcutt et al.	395/200.09
5442750	August 1995	Harriman, Jr. et al.	395/200
5488412	January 1996	Majeti et al.	348/10
5497369	March 1996	Wainwright	370/60
5506962	April 1996	Orimo et al.	395/200.03
5517600	May 1996	Shimokawa	395/27

ART-UNIT: 232

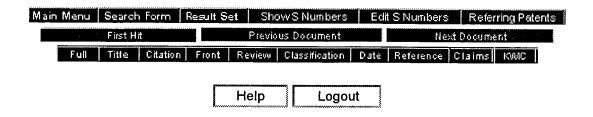
PRIMARY-EXAMINER: An; Meng-Ai T.

ATTY-AGENT-FIRM: Hovey, Williams, Timmons & Collins

ABSTRACT:

A distributed data processing system including a data server computer coupled to a plurality of personal computers by a local area network communication path and a second data communication path independent of the local area network communication path is provided. Information stored in the data server computer is periodically transmitted over the second data communication path simultaneously to all of the personal computers in the network. The personal computers do not necessarily initiate data requests over the local area network communication path. Rather, certain preselected information is continually transmitted to all of the personal computers in broadcast fashion.

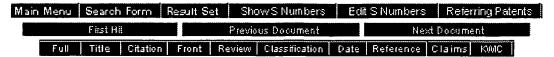
27 Claims, 3 Drawing figures







Help Logout



Document Number 2

Entry 2 of 3

File: USPT

Nov 4, 1997

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DOCUMENT-IDENTIFIER: US 5684956 A

TITLE: Data transmission system with parallel packet delivery

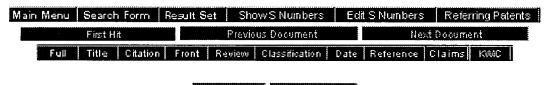
DATE-ISSUED: November 4, 1997

INT-CL: [6] G06F 13/00

US-CL-ISSUED: 395/200.03; 395/200.33, 395/800, 395/200.69

US-CL-CURRENT: 709/219; 709/203, 709/239

FIELD-OF-SEARCH: 395/200.03, 395/200.15, 395/200.16, 395/200.13, 395/300, 395/308, 395/858, 395/800, 395/200.09, 395/100, 395/200.08, 395/200.69, 395/182.13, 358/335, 348/7, 348/10, 340/85.8, 370/60, 370/85.1, 370/390, 370/218



Help

Logout

=> s (395 or 714)/clas and fault (p) tolerant and remote (3a) access?

10091 395/CLAS 14138 714/CLAS 37806 FAULT 10666 TOLERANT

2357 FAULT (P) TOLERANT

230074 REMOTE

436967 ACCESS?

4718 REMOTE (3A) ACCESS?

L1 34 (395 OR 714)/CLAS AND FAULT (P) TOLERANT AND REMOTE (3A) AC

CES

s?

=> s 11 and (server (3a) control? or control (3a) server)

10454 SERVER 1385542 CONTROL? 1806 SERVER (3A) CONTROL? 1130300 CONTROL 10454 SERVER

1113 CONTROL (3A) SERVER

L2 6 L1 AND (SERVER (3A) CONTROL? OR CONTROL (3A) SERVER)

=> d 12 1-6

- 5,659,682, Aug. 19, 1997, Scheme to determine completion of directory operations for server recovery; Murthy V. Devarakonda, et al., 714/47; 707/8; 710/200 [IMAGE AVAILABLE]
- 5,652,908, Jul. 29, 1997, Method and apparatus for establishing communications sessions in a remote resource control environment; Francis Archibald Brown Douglas, et al., 714/4; 364/268, 944.61, DIG.1, DIG.2; 709/220, 228; 714/3, 48 [IMAGE AVAILABLE]
- 3. 5,535,326, Jul. 9, 1996, System and method for logical console verification and feedback; Michael E. Baskey, et al., 714/4; 364/284.4, DIG.1; 370/248 [IMAGE AVAILABLE]
- 4. 5,513,314, Apr. 30, 1996, Fault tolerant NFS server system and mirroring protocol; David R. Kandasamy, et al., 714/6; 364/245.3, 285.3, DIG.1 [IMAGE AVAILABLE]
- 5. 5,113,496, May 12, 1992, Bus interconnection structure with redundancy linking plurality of groups of processors, with servers for each group mounted on chassis; Karl W. McCalley, et al., 710/126; 340/825.03, 827; 364/222.2, 222.3, 227.1, 228.3, 229, 229.5, 236.2, 237.2, 237.3, 237.8, 238, 238.3, 239, 239.8, 239.9, 240, 240.2, 241.9, 242.4, 242.94, 242.96, 248.1, 260, 260.2, 263.1, 268, 268.3, 268.7, _ 268.9, 271, 271.4, 282.1, 284, 284.2, 284.3, 931.43, 940.68, DIG.1; 714/4 [IMAGE AVAILABLE]
 - 6. 4,819,159, Apr. 4, 1989, Distributed multiprocess transaction processing system and method; Dale L. Shipley, et al., 714/19; 364/230.6, 236.3, 238.4, 238.5, 239, 239.7, 242.4, 242.6, 242.92, 242.94,

242.95, 244, 244.8, 8.1, 265, 266.3, 267, 267.2, 267.4, 268, 268.3, 268.4, 268.5, 268.7 (68.9, 269.2, 269.3, 280, 281.3 (81.8, 282.1, 282.4, DIG.1; 714/15 (IMAGE AVAILABLE)

Searches for User pelisca (Count = 951)

Queries 902 through 951.

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S	S # Comment Database	e Query
S951	USPT	((((updat\$3 near1 computer) or (retriev\$3 near1 computer)) and first
2015-11 - 1037-13		near1 computer) and second near1 computer) and remote near3 interface
8950	USPT	((((updat\$3 near! computer) or (retriev\$3 near! computer)) and first
OWNER MERCHAN		near! computer) and second near! computer) and remote near! interface
8949	USPT	(((updat\$3 near1 computer) or (retriev\$3 near1 computer)) and first
		near1 computer) and second near1 computer
<u>S948</u>	USPT	((updat\$3 near! computer) or (retriev\$3 near! computer)) and first
		near1 computer
S947	USPT	(updat\$3 near1 computer) or (retriev\$3 near1 computer)
<u>S946</u>	USPT	retriev\$3 near1 computer
<u>S945</u>	USPT	updat\$3 near1 computer